

# TAKK IONSTORM XR2

The most powerful in its class of  
ultra performance static eliminators

Shockless pulsed DC  
extended range ionization  
system eliminates static from  
a distance of over 36"

**Advanced Technology & Design:** Through the latest in electrostatic science, TAKK's IonStorm XR2 projects a powerful field of ionization—with extended range and extra width—which effectively eliminates static electricity from a distance of over 36". Static is eliminated even at the very highest machine speeds and under confined conditions.

**Shockless Pulsed DC Ionization:** TAKK's IonStorm XR2 emits pulsing waves of ions from dedicated negative and positive emitters. The waves of similar polarity ions propel each other outwards away from the bar towards the static charged surface. The charge on the surface attracts the ions of the opposite polarity, combining and neutralizing the charge on the surface, at the same time repelling unneeded ions of the same polarity (see illustration).

**Maximum Adjustability & Performance:** IonStorm XR2 offers maximum ion stream adjustability of voltage, frequency and polarity, plus lockable settings, to provide the exact level of static elimination you need.

**Multiple Length Units, Easy to Install & Maintain:** IonStorm XR2 can be installed simply and flexibly to meet a variety of applications. Models are available in 10", 20", 30", 40", 50", 60", 70", 80", 90", 100" and 110" lengths. Easy maintenance, time-proven dependability and long-life. Multiple units may be connected and powered by a single standard electrical source.

**Economy:** IonStorm XR2 combines economy with maximum performance. A two year limited warranty and expert technical assistance are provided.

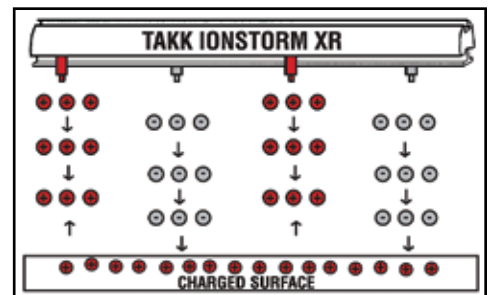
**INCREASE PRODUCTION SPEEDS & PROFITS  
REDUCE REJECTS & DOWNTIME  
ENHANCE PRODUCT QUALITY & OPERATOR SAFETY**

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## IonStorm XR2 Specifications

### MODEL 3750 CONTROLLER

**FREQUENCY:** Use a slow frequency setting for distance ranges of 3 feet (914 mm) or over and faster frequency settings for closer distances, e.g. 1 foot (305 mm). Optimal operating distance ranges from minimum 1 foot (305 mm) up to 3 feet (914 mm).



**POLARITY BALANCE:** If the static charge varies, set a balance output. If static is constant, the balance can be adjusted 80:20 in each polarity for better performance.

**VOLTAGE:** Variable from 0-14 kV output. Set full power for 14 kV except in sensitive electronic applications.

**INPUT VOLTAGE:** Standard 115 V 50/60 Hz, optional 230 V 50/60 Hz, standard 24 V DC.

**OUTPUT VOLTAGE:** Variable 0-14 kV. DC.

**AMPERAGE:** 35-volt amps starting load; 7-volt amps running load.

**ALARM INDICATOR LIGHT:** Flashes to indicate warning and service needed conditions.

**REMOTE CONTROL:** Remote on/off and alarm signals available through DIN connector.

**SIZE:** 8.75" (222 mm) W x 7" (178 mm) L x 2.75" (70 mm) D.



### IONSTORM XR2 BAR

**CONSTRUCTION:** Rigid polymer body, long lasting and easy to clean.

**SIZE:** 2.17" (55 mm) width x 2.5" (63 mm) depth x the length of the bar. Bars are available in 10" (254 mm), 20" (508 mm), 30" (762 mm), 40" (1016 mm), 50" (1270 mm), 60" (1524 mm), 70" (1778 mm), 80" (2032 mm), 90" (2286 mm), 100" (2540 mm), 110" (2794 mm) lengths. Multiple bars may be connected and powered by a single standard electrical source and optional junction box.

**EMITTERS:** Tungsten emitters in polypropylene housing provide dependable, long life service. Pins have dedicated positive and negative ion outputs. These plug-in, shockless emitters are field replaceable by user if lost or damaged.

**CABLE:** In protective nylon conduit; 10 foot (3 m) standard. Up to 30 foot (9 m) may be specified. Plastic cable mount clips are included.

**MOUNTING:** Adjustable "T" bracket in slot on backside of bar.

**CONNECTIONS:** Bayonet connectors are provided for fast and easy connection to controller. Multiple bars can be powered by the controller with the use of separate junction boxes.

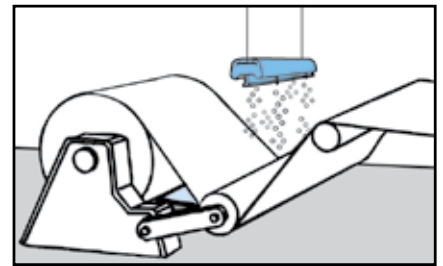
**EXPERT TECHNICAL ASSISTANCE**  
**2 YEAR LIMITED WARRANTY**  
**EASY TO INSTALL**  
**EASY TO MAINTAIN**



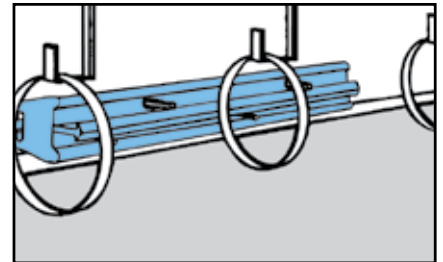
## TAKK INDUSTRIES INCORPORATED

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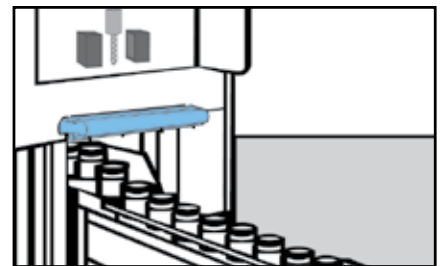
## Multiple Applications



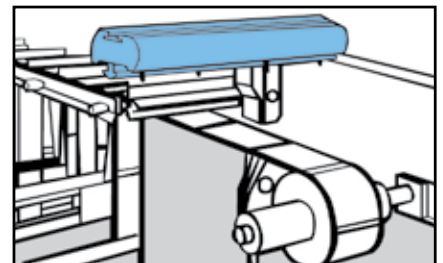
**CONVERTING:** Static is removed from slitting, sheeting, unwinding, rewinding, laminating, coating, paper and film operations. Prevents dust attraction, hazardous shock to operators and poor wound roll quality.



**FINISHING & PAINTING:** Removes static prior to spraying and before and after painting metal and plastic parts. Also during buffing and polishing.



**PLASTICS:** Dirt and dust contamination, as well as flow problems, are eliminating during plastic extruding, forming and molding operations.



**PRINTING & PACKAGING:** Removes static in feeder and delivery piles and rolls. Quality and production are greatly improved in folding, collating, and printing on all types of presses and other equipment.